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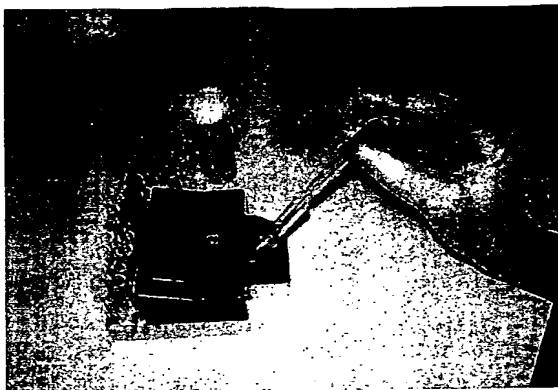
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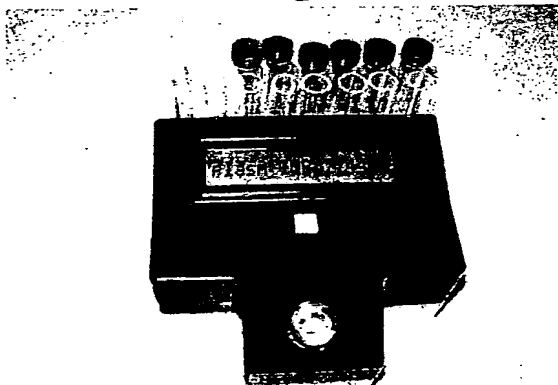
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(54) Title: HEMATOCRIT AND ANALYTE CONCENTRATION DETERMINATION



a



b

(57) Abstract: A method to determine an analyte concentra-
tion of an anticoagulated plasma by performing at least two
different measurements on a mixture of a blood sample corre-
sponding to said anticoagulant plasma and of liquid reagent is
described. The method comprises a) mixing a volume of said
blood sample with a five-fold, or more, volume of said liquid
reagent, b) performing said at least two measurements on said
mixture, at least one of which correlates with the hematocrit
of said blood sample and at least one of which correlates with
said analyte concentration, and c) computing the results from
the measurements when the volumes in a) are precise and accu-
rate or when the hematocrit of said blood sample in b) is known
to determine said analyte concentration of said anticoagulated
plasma. In addition, a measurement and determination device
for performing measurements on blood, anticoagulated blood
and/or anticoagulated plasma samples, and an equipment kit
are described.

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